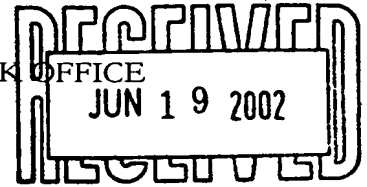




42583

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of

Darragh J. Nagle

Serial No.: 10/022,283

Filed: December 20, 2001

FOR: COMPLEX ADAPTIVE ROUTING
SYSTEM AND METHOD FOR A NODAL:
COMMUNICATION NETWORK

Group Art Unit: 2661

Examiner: Not Assigned

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INFORMATION DISCLOSURE STATEMENT Technology Center 2800

Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97-1.98, Applicants hereby transmit copies of the documents listed in the attached Form PTO-1449, which may be deemed material to the examination of the above-identified application.

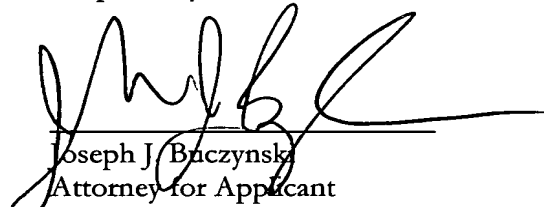
All documents, with the exception of French Patent FR2683326, are in English and require no statement of relevance. Regarding French Patent FR2683326, an English abstract is provided as a brief statement of relevance to the above identified Application as required under 37 C.F.R. § 1.98. Also, since the present Information Disclosure Statement is being filed prior to issuance of a first Office Action on the merits, no certification under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(b) is required.

Applicant's representative is attempting to obtain copies of the references cited in the application which are not included in this IDS but will be filed shortly in a Supplemental IDS.

The Examiner is requested to consider the attached documents in connection with the above-identified application and to return a copy of Form PTO-1449 to the Applicants with the Examiner's initials in the spaces provided.

Submission of this Information Disclosure Statement does not constitute an admission by the Applicants as to the materiality of the attached documents to the application, nor do the Applicants waive any right to challenge the validity of the documents as prior art should such action be deemed appropriate.

Respectfully submitted,



Joseph J. Buczynski
Attorney for Applicant
Reg. No. 35,084

Roylance, Abrams, Berdo & Goodman, L.L.P.
1300 19th Street, N.W., Suite 600
Washington, D.C. 20036-2680
(202) 659-9076

Dated: June 14, 2002



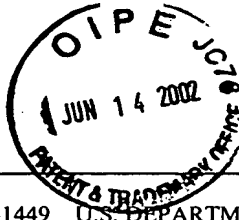
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	APPLICANT Darragh J. Nagle	
	FILING DATE December 20, 2001	GROUP 2661

U.S. Patent Documents

Examiner Initial	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
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	6,349,091	02/19/02	Li	370	238	11/07/00
	6,327,300	12/04/01	Souissi et al.	375	219	10/25/99
	6,304,556	10/16/01	Haas	370	254	08/24/98
	6,285,892	09/04/01	Hulyalkar	455	574	11/24/98
	6,275,707	08/14/01	Reed et al.	455	456	10/08/99
	6,249,516	06/19/01	Brownrigg et al.	370	338	01/27/00
	6,246,875	06/12/01	Seazholtz et al.	455	432	03/26/99
	6,240,294	05/29/01	Hamilton et al.	455	456	05/30/97
	6,223,240	04/24/01	Odenwald et al.	710	129	01/31/00
	6,208,870	03/27/01	Lorello et al.	455	466	06/01/99
	6,192,230	02/20/01	Van Bokhorst et al.	455	343	09/27/93
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	6,178,337	01/23/01	Spartz et al.	455	561	06/19/97
	6,163,699	12/19/00	Naor et al.	455	453	09/15/97
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	6,078,566	06/20/00	Kikinis	370	286	04/28/98
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	6,064,626	05/16/00	Stevens	365	233	07/31/98
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	5,991,279	12/23/99	Haugli et al.	370	311	12/04/96
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	5,987,011	11/16/99	Toh	370	331	08/30/96
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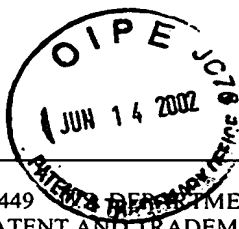
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	APPLICANT Darragh J. Nagle	
	FILING DATE December 20, 2001	GROUP 2661

U.S. Patent Documents

Examiner Initial	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	5,909,651	06/01/99	Chander et al.	455	466	05/05/97
	5,903,559	05/11/99	Acharya et al.	370	355	12/20/96
	5,896,561	04/20/99	Schrader et al.	455	67.1	12/23/96
	5,886,992	03/23/99	Raatikainen et al.	370	410	04/15/97
	5,881,372	03/09/99	Kruys	455	113	12/01/95
	5,881,095	03/09/99	Cadd	375	202	05/01/97
	5,877,724	03/03/99	Davis	342	357	03/25/97
	5,870,350	02/09/99	Bertin et al.	365	233	05/21/97
	5,857,084	01/05/99	Klein	395	309	10/02/96
	5,845,097	12/01/98	Kang et al.	395	297	06/03/96
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	5,822,309	10/13/98	Ayanoglu et al.	370	315	06/15/95
	5,809,518	09/15/98	Lee	711	115	05/20/96
	5,805,977	09/08/98	Hill et al.	455	31.3	04/01/96
	5,805,842	09/08/98	Nagarajet al.	395	306	09/26/95
	5,805,593	09/08/98	Busche	370	396	09/26/95
	5,796,741	08/18/98	Saito et al.	370	439	03/05/96
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	5,680,392	10/21/97	Semaan	370	261	01/16/96
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	5,644,576	07/01/97	Bauchot et al.	370	437	05/16/95
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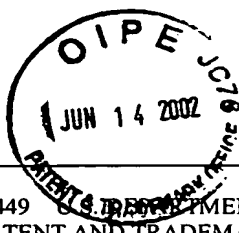
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	APPLICANT Darragh J. Nagle	
	FILING DATE December 20, 2001	GROUP 2661

U.S. Patent Documents							
		Patent No.	Date	Patentee	Class	Sub-class	Filing Date
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		5,555,540	09/10/96	Radke	370	16.1	02/17/95
		5,555,425	09/10/96	Zeller et al.	395	800	03/07/90
		5,517,491	05/14/96	Nanni et al.	370	29	05/05/95
		5,502,722	03/26/96	Fulghum	370	69.1	08/01/94
		5,424,747	06/13/95	Chazelas	342	70	04/09/93
		5,412,654	05/02/95	Perkins	370	94.1	01/10/94
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		5,317,566	05/31/94	Joshi	370	60	08/18/93
		5,241,542	08/31/93	Natarajan et al.	370	95.3	08/23/91
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		5,034,961	07/23/91	Adams	375	130	06/03/88
		4,910,521	03/20/90	Mellon	342	45	08/03/31
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		4,736,371	04/05/88	Tejima et al.	370	95	12/29/86
		4,617,656	10/14/86	Kobayashi et al.	370	74	01/02/86
		4,494,192	01/15/85	Lew et al.	364	200	07/21/82

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		Pub. No.	Pub. Date	Patentee	Class	Sub-class	Filing Date
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Foreign Patent Documents or Foreign Patent Applications								
		Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
		EP 0513841 A2	11/19/92	EPO			X	
		EP 0924890 A2	06/23/99	EPO			X	
		EP 0627827 A2	12/07/94	EPO			X	
		WO 9912302	03/11/99	WIPO			X	
		WO 9839936	09/11/98	WIPO			X	



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	APPLICANT Darragh J. Nagle	
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Foreign Patent Documents or Foreign Patent Applications

	WO 9724005	07/03/97	WIPO			X	
	WO 9608884	03/21/96	WIPO			X	
	WO 0235253	05/02/02	WIPO			X	
	WO 0137483	05/25/01	WIPO			X	
	WO 0137482	05/25/01	WIPO			X	
	WO 0137481	05/25/01	WIPO			X	
	WO 0135567	05/17/01	WIPO			X	
	WO 0133770	05/10/01	WIPO			X	
	WO 0110154	02/08/01	WIPO			X	
	WO 0034932	06/15/00	WIPO			X	
	CA 2132180	03/16/96	Canada			X	
	FR 2683326	07/05/93	France				X

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
		Wong et al., "Soft Handoffs in CDMA Mobile Systems", December 1997, IEEE Personal Communications
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		Andras G. Valko, "Cellular IP: A New Approach to Internet Host Mobility", January 1999, ACM Computer Communication Review
		Richard North, Dale Bryan and Dennis Baker, "Wireless Networked Radios: Comparison of Military, Commercial, and R&D Protocols", February 28-March 3, 1999, 2 nd Annual UCSD Conference on Wireless Communications, San Diego CA
		Benjamin B. Peterson, Chris Kmiecik, Richard Hartnett, Patrick M. Thompson, Jose Mendoza and Hung Nguyen, "Spread Spectrum Indoor Geolocation", August 1998, Navigation: Journal of the Institute of Navigation, vol. 45, no. 2, summer 1998
		Josh Broch, David A. Maltz, David B. Johnson, Yih-Chun Hu and Jorjeta Jetcheva, "A Performance Comparison of Multi-Hop Wireless Ad Hoc Network Routing Protocols", October 25-30, 1998, Proceedings of the 4 th Annual ACM/IEEE International Conference on Mobile Computing and Networking
		C. David Young, "USAP: A Unifying Dynamic Distributed Multichannel TDMA Slot Assignment Protocol"
		Chip Elliott and Bob Heile, "Self-Organizing, Self-Healing Wireless Networks", 2000 IEEE
		J.J. Garcia-Luna-Aceves and Asimakis Tzamaloukas, "Reversing the Collision-Avoidance Handshake in Wireless Networks"

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Other Documents (including Author, Title, Date, Pertinent Pages, etc.)			
		J.J. Garcia-Luna-Aceves and Marcelo Spohn, "Transmission-Efficient Routing in Wireless Networks Using Link-State Information"	
		J.J. Garcia-Luna-Aceves and Ewerton L. Madruga, "The Core-Assisted Mesh Protocol", August 1999, IEEE Journal on Selected Areas in Communications, vol. 17, no. 8	
		Ad Kamerman and Guido Aben, "Net Throughput with IEEE 802.11 Wireless LANs"	
		J.R. McChesney and R.J. Saulitis, "Optimization of an Adaptive Link Control Protocol for Multimedia Packet Radio Networks"	
		Ram Ramanathan and Regina Rosales-Hain, "Topology Control of Multihop Wireless Networks using Transmit Power Adjustment"	
		Ram Ramanathan and Martha E. Steenstrup, "Hierarchically-Organized, Multihop Mobile Wireless Networks for Quality-of-Service Support"	
		Martha E. Steenstrup, "Dynamic Multipoint Virtual Circuits for Multimedia Traffic in Multihop Mobile Wireless Networks"	
		Zhenyu Tang and J.J. Garcia-Luna-Aceves, "Collision-Avoidance Transmission Scheduling for Ad-Hoc Networks"	
		George Vardakas and Wendell Kishaba, "QoS Networking With Adaptive Link Control and Tactical Multi-Channel Software Radios"	
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

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